

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-003274**Date Inspected:** 07-Jul-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 630**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:****CWI Present:****Yes No****Inspected CWI report:** **Yes No N/A****Rod Oven in Use:** **Yes No N/A****Electrode to specification:** **Yes No N/A****Weld Procedures Followed:** **Yes No N/A****Qualified Welders:** **Yes No N/A****Verified Joint Fit-up:** **Yes No N/A****Approved Drawings:** **Yes No N/A****Approved WPS:** **Yes No N/A****Delayed / Cancelled:** **Yes No N/A****Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

Caltrans Quality Assurance (QA) Inspector Sherri Brannon arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island, in Shanghai, China.

Due to interruption of electrical power last week, QA Inspector Brannon was unable to enter data into ABF's web based tool program due the system being down on this date. QA Inspector Brannon performed data entry on spreadsheet that ABF had created for data entry for the ABF/Caltrans Partnering Data Analization, Welding Report Date Base – CCO 77 dated May 13, 2008, State Letter No: 05.03.01-0011947. QA entered data for weekly welding reports week # 10 for the OBG. QA utilized shop drawings and weld detail maps for assist in the data analysis.

Material Test Reports:

Quality Assurance (QA) Inspector Brannon reviewed Material Test Reports (MTR's) for material received in the ZPMC yard. QA Inspector Brannon checked MTR's for material designation, heat numbers, weights, carbon equivalent, sulfur content, fine grain particles, through-thickness, ultrasonic testing and reduction of area. For additional information see Caltrans Review of Contractor's Transmittal TC-20 generated on this date.

Summary of Conversations:

No relevant conversations to report.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Ady Velasco 13816942685, who represents the Office of Structural Materials for

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your project.

Inspected By: Brannon, Sherri

Quality Assurance Inspector

Reviewed By: Cochran, Jim

QA Reviewer